

**MARKED-UP COPY OF AMENDED CLAIMS**  
**U.S. REISSUE APPLN. S.N. 09/476,319**

1. (Twice Amended) A storage medium accessed by a vendor computer and user computer, said storage medium for storing information readable by said user computer, said storage medium comprising:  
encrypted electronic data;  
a medium personal number which is [unique for each storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium, wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which said user computer cannot rewrite; and  
permission information which includes a decryption key encrypted in a manner that is [not dependent on] generated independent from a specific [device identifier] apparatus number for a specific [device] computer.

2. A storage medium as claimed in claim 1, wherein the electronic data is software used for a computer.

3. A storage medium as claimed in claim 1, wherein the electronic data is electronically published data.

4. A storage medium as claimed in claim 1, wherein the storage medium is an optical magnetic disk, or a partially embossed optical disk.

5. A storage medium as claimed in claim 1, wherein the storage medium is a CD-ROM.

6. (Twice Amended) A storage medium accessed by a vendor computer and user computer, said storage medium for storing information readable by said user computer, said storage medium comprising:



Full  
P2

DD  
cont  
encrypted electronic data;

a medium personal number which is [unique for each storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium, wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which said user computer cannot rewrite; and  
permission information encrypted in a manner that is [not dependent on] generated independent from a specific [device identifier] apparatus number for a specific [device] computer.

C1  
cont  
7. A storage medium as claimed in claim 6, wherein the electronic data is software used for a computer.

8. A storage medium as claimed in claim 6, wherein the electronic data is electronically published data.

9. A storage medium as claimed in claim 6, wherein the storage medium is an optical magnetic disk, or a partially embossed optical disk.

10. A storage medium as claimed in claim 6, wherein the storage medium is a CD-ROM.

See  
103  
11. (Twice Amended) A storage medium accessed by a vendor computer and a user computer said storage medium for storing information readable by said user computer said storage medium comprising:

encrypted electronic data;

a medium personal number which is [unique for each storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

RB  
cont

encrypted permission information that is [not dependent on] independent from a specific [device identifier] apparatus number for a specific [device] computer;

wherein at least the medium personal number is written onto the storage medium in an unrewritable form which a user computer cannot rewrite.

12. A storage medium as claimed in claim 11, wherein the electronic data is software used for a computer.

C'  
cont

13. A storage medium as claimed in claim 11, wherein the electronic data is electronically published data.

14. A storage medium as claimed in claim 11, wherein the storage medium stores a plurality of encrypted electronic data, and each encrypted electronic data has a different electronic data decrypting key.

15. A storage medium as claimed in claim 11, wherein the storage medium is an optical magnetic disk, or a partially embossed optical disk.

16. A storage medium as claimed in claim 11, wherein the storage medium is a CD-ROM.

17. (Twice Amended) A storage medium accessed by a vendor computer and user computer, said storage medium for storing [data for access and processing by a storage reading apparatus] information readable by said user computer, said storage medium comprising:

Full  
cont

a medium personal number which is [unique for each storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium, wherein the medium personal number is written onto the storage medium in an un-rewritable form which a user storage reading apparatus cannot rewrite;

electronic information; and  
information which is encrypted based on said medium personal number and [not on] independent from a specific [device identifier] apparatus number for a specific [device] computer and said medium personal number is used for generating a decryption key for decrypting said encrypted electronic data in said user computer.

18. (Twice Amended) A storage medium accessed by a vendor computer and user computer, said storage medium for storing [data for access and processing by a user storage reading apparatus] information readable by said user computer, said storage medium comprising:

encrypted electronic information;

a medium personal number which is [unique for each storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium;

wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which the user storage reading apparatus cannot rewrite, and said medium personal number is used for decrypting said encrypted electronic information; and

information which is encrypted based on said medium personal number and [not on] independent from a specific [device identifier] apparatus number for a specific [device] computer.

19. (Twice Amended) A storage medium accessible from a first [device] computer which encrypts a decryption key based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific first [device] computer and which stores the encrypted decryption key onto the storage medium, and accessible from a plurality of second [devices] computers which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal

number and independent from a specific [device identifier] apparatus number for a specific second [device] computer and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from the specific [device identifier] apparatus number for the specific second [device] computer, the storage medium comprising:

a first storage area for storing encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon the decryption key;

a second storage area for storing the medium personal number, which is unrewritable from at least the second [devices] computers, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a third storage area for storing the encrypted decryption key, wherein the decryption key is based upon the medium personal number and the encrypted decryption key is independent from the specific [device identifier] apparatus number for the specific first [device] computer.

20. The storage medium of claim 19, wherein the electronic information is software used for a computer.

21. (Once Amended) The storage medium of claim 19, wherein the electronic information is electronically published information.

22. (Once Amended) The storage medium of claim 19, wherein the storage medium is a read-only optical disk.

23. (Twice Amended) A storage medium accessible from a first [device] computer which encrypts a decryption key based upon a medium personal number and

independent from a specific [device identifier] apparatus number for a specific first [device] computer and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, and accessible from a plurality of second [devices] computers which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and independent from a specific [device identifier] apparatus number for a specific second [device] computer and which decrypt encrypted electronic information stored on the storage medium based upon the encrypted decryption key that has been decrypted based on the medium personal number and independent from the specific [device identifier] apparatus number for the specific second [device] computer, the storage medium comprising:

a first storage area for storing encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon the decryption key;

a second storage area for storing the medium personal number, which is unrewritable from at least the second [devices] computers, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a third storage area for storing the encrypted decryption key, wherein the decryption key is based upon the medium personal number and the encrypted decryption key is independent from the specific [device identifier] apparatus number for the specific first [device] computer.

24. (Twice Amended) A storage medium accessible from a first [device] computer which encrypts a decryption key based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer and which stores the encrypted decryption key onto the storage medium, the storage medium comprising:

a first storage area for storing encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon the decryption key;

a second storage area for storing the medium personal number, which is unrewritable, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a third storage area for storing the encrypted decryption key, wherein the decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific [device identifier] apparatus number for a specific [device] computer.

25. (Twice Amended) A storage medium accessible from a first [device] computer which encrypts a decryption key based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the encrypted decryption key and which stores the encrypted electronic information onto the storage medium, the storage medium comprising:

a first storage area for storing encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon the decryption key;

a second storage area for storing the medium personal number, which is unrewritable, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a third storage area for storing the encrypted decryption key, wherein the decryption key is based upon the medium personal number and the encrypted decryption

key is independent from a specific [device identifier] apparatus number for a specific [device] computer.

26. (Twice Amended) A storage medium accessible from a plurality of [devices] computers which decrypt an encrypted decryption key stored on the storage medium, the encrypted decryption key being based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer, and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from the specific [device identifier] apparatus number for the specific [device] computer in a particular [device] computer, the storage medium comprising:

a first storage area for storing encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon the decryption key;

a second storage area for storing the medium personal number, which is unrewritable, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a third storage area for storing an encrypted decryption key, wherein the decryption key is based upon the medium personal number and the encrypted decryption key is independent from the specific [device identifier] apparatus number for the specific [device] computer.

27. (Twice Amended) A storage medium accessible from different [devices] computers at different times, the storage medium comprising:

a first storage area for storing encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;



a second storage area for storing a medium personal number, which is unrewritable from the [devices] computers, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a third storage area for storing an encrypted decryption key, wherein the decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific [device identifier] apparatus number for a specific [device] computer.

28. (Twice Amended) A storage medium[,] accessed by a computer, said storage medium comprising:

a first storage area for storing encrypted electronic information, the encrypted electronic information includes electronic information encrypted based upon a decryption key;

a second storage area for storing a medium personal number, which is unrewritable, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a third storage area for storing an encrypted decryption key, wherein the encrypted decryption key is based upon the medium personal number and the decryption key is independent from a specific [device identifier] apparatus number for a specific [device] computer.

29. (Twice Amended) A storage medium accessible from a first [device] computer which encrypts a decryption key based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific first [device] computer and which stores the encrypted decryption key onto the storage medium, and accessible from a plurality of second [devices] computers which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal

number and independent from a specific [device identifier] apparatus number for a specific second [device] computer and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from the specific [device identifier] apparatus number for the specific second [device] computer, the storage medium comprising:

a storage area for storing the medium personal number, which is un-rewritable from at least the second [devices] computers, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing the encrypted decryption key, wherein the decryption key is based upon the medium personal number and the encrypted decryption key is independent from the specific [device identifier] apparatus number for the specific first [device] computer.

30. The storage medium of claim 29, wherein the electronic information is software used for a computer.

31. (Once Amended) The storage medium of claim 29, wherein the electronic information is electronically published information.

32. (Once Amended) The storage medium of claim 29, wherein the storage medium is a read-only optical disk.

33. (Twice Amended) A storage medium accessible from a first [device] computer which encrypts a decryption key based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific first [device] computer and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and

which stores the encrypted electronic information onto the storage medium, and accessible from a plurality of second [devices] computers which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and independent from a specific [device identifier] apparatus number for a specific second [device] computer and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from the specific [device identifier] apparatus number for the specific second [device] computer, the storage medium comprising:

a storage area for storing the medium personal number, which is un-rewritable from at least the second [devices] computers, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing the encrypted decryption key, wherein the decryption key is based upon the medium personal number and the encrypted decryption key is independent from the specific [device identifier] apparatus number for the specific second [device] computer.

34. (Twice Amended) A storage medium accessible from a first [device] computer which encrypts a decryption key based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer and which stores the encrypted decryption key onto the storage medium, the storage medium comprising:

a storage area for storing the medium personal number, which is un-rewritable, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing the encrypted decryption key, wherein the decryption key is based upon the medium personal number and the encrypted decryption key is

independent from the specific [device identifier] apparatus number for the specific [device] computer.

35. (Twice Amended) A storage medium accessible from a first [device] computer which encrypts a decryption key based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, the storage medium comprising:

a storage area for storing the medium personal number, which is un-rewritable, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing the encrypted decryption key, wherein the decryption key is based upon the medium personal number and the encrypted decryption key is independent from the specific [device identifier] apparatus number for the specific [device] computer.

36. (Twice Amended) A storage medium accessible from a plurality of [devices] computers which decrypt an encrypted decryption key stored on the storage medium, the encrypted decryption key being based upon the medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from the specific [device identifier] apparatus number for the specific [device] computer in a particular [device] computer, the storage medium comprising:

a storage area for storing the medium personal number, which is un-rewritable from the [devices] computers, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing the encrypted decryption key, wherein the decryption key is based upon the medium personal number and the encrypted decryption key is independent from the specific [device identifier] apparatus number for the specific [device] computer.

37. (Twice Amended) A storage medium accessible from different [devices] computers at different times, the storage medium comprising:

a storage area for storing a medium personal number, which is un-rewritable from the [devices] computers, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing an encrypted decryption key, wherein the decryption key is based upon the medium personal number and the encrypted decryption key is independent from a specific [device identifier] apparatus number for a specific [device] computer.

38. (Twice Amended) A storage medium[,] accessed by a computer, said storage medium comprising:

a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing an encrypted decryption key, wherein the decryption key is based upon the medium personal number and the encrypted decryption key is

independent from a specific [device identifier] apparatus number for a specific [device] computer.

39. (Twice Amended) A storage medium accessible from a first [device] computer which encrypts a decryption key based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific first [device] computer and which stores the encrypted decryption key onto the storage medium, and accessible from a plurality of second [devices] computers which decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and independent from a specific [device identifier] apparatus number for a specific second [device] computer and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from the specific [device identifier] apparatus number for the specific second [device] computer, the storage medium comprising:

a storage area for storing the medium personal number, which is un-rewritable from at least the second [devices] computers, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from the specific [device identifier] apparatus number for the specific first [device] computer.

40. (Once Amended) The storage medium of claim 39, wherein the electronic information is software used for a computer.

41. (Once Amended) The storage medium of claim 39, wherein the electronic information is electronically published information.

42. (Once Amended) The storage medium of claim 39, wherein the storage medium is a read-only optical disk.

43. (Twice Amended) A storage medium accessible from a first [device] computer which encrypts a decryption key based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific first [device] computer and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, and accessible from a plurality of second [devices] computers which the decrypt the encrypted decryption key stored on the storage medium based upon the medium personal number and independent from a specific [device identifier] apparatus number for a specific second [device] computer and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from the specific [device identifier] apparatus number for the specific second [device] computer, the storage medium comprising:

a storage area for storing the medium personal number, which is un-rewritable from at least the second [devices] computers, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from the specific [device identifier] apparatus number for the specific second [device] computer.

44. (Twice Amended) A storage medium accessible from a first [device] computer which encrypts a decryption key based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific [device]

computer and which stores the encrypted decryption key onto the storage medium, the storage medium comprising:

a storage area for storing the medium personal number, which is un-rewritable, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from the specific [device identifier] apparatus number for the specific [device] computer.

45. (Twice Amended) A storage medium accessible from a first [device] computer which encrypts a decryption key based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer and which stores the encrypted decryption key onto the storage medium and which encrypts electronic information based upon the decryption key and which stores the encrypted electronic information onto the storage medium, the storage medium comprising:

a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from the specific [device identifier] apparatus number for the specific [device] computer.

46. (Twice Amended) A storage medium accessible from a plurality of [devices] computers which decrypt an encrypted decryption key stored on the storage medium, the encrypted decryption key being based upon the medium personal number and independent from a specific [device identifier] apparatus number for a specific [device]



computer and which decrypt encrypted electronic information stored on the storage medium based upon the decryption key that has been decrypted based on the medium personal number and independent from the specific [device identifier] apparatus number for the specific [device] computer in a particular [device] computer, comprising:

a storage area for storing the medium personal number, which is un-rewritable from the [devices] computers, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from the specific [device identifier] apparatus number for the specific [device] computer.

47. (Twice Amended) A storage medium accessible from different [devices] computers at different times, the storage medium comprising:

a storage area for storing a medium personal number, which is un-rewritable from the [devices] computers, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer.

48. (Once Amended) A storage medium[,] accessed by a computer, said storage medium comprising:

a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer.

49. (Twice Amended) A storage medium accessed by a computer in a manner such that a decryption key is encrypted based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer and the encrypted decryption key is stored onto the storage medium, and accessed in a manner such that the encrypted decryption key stored on the storage medium is decrypted based upon the medium personal number and independent from the specific [device identifier] apparatus number for the specific [device] computer and that encrypted electronic information stored on the storage medium is decrypted based upon the decryption key that has been decrypted based on the medium personal number and independent from the specific [device identifier] apparatus number for the specific [device] computer, the storage medium comprising:

a storage area for storing the medium personal number, which is un-rewritable, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from the specific [device identifier] apparatus number for the specific [device] computer.

50. (Once Amended) The storage medium of claim 49, wherein the electronic information is software used for a computer.

51. (Once Amended) The storage medium of claim 49, wherein the electronic information is electronically published information.

52. (Once Amended) The storage medium of claim 49, wherein the storage medium is a read-only optical disk.

53. (Twice Amended) A storage medium accessed by a computer in a manner such that a decryption key is decrypted based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer and the encrypted decryption key is stored onto the storage medium and that electronic information is encrypted based upon the decryption key and the encrypted electronic information is stored onto the storage medium, and accessed in a manner such that the encrypted decryption key stored on the storage medium is decrypted based upon the medium personal number and independent from the specific [device identifier] apparatus number for the specific [device] computer and that encrypted electronic information stored on the storage medium is decrypted based upon the decryption key that has been decrypted based on the medium personal number and independent from the specific [device identifier] apparatus number for the specific [device] computer in a particular second [device] computer in different time, the storage medium comprising:

a storage area for storing a medium personal number, which is un-rewritable, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from the specific [device identifier] apparatus number for the specific [device] computer.

54. (Twice Amended) A storage medium accessed by a computer in a manner such that a decryption key is encrypted based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer and that the encrypted decryption key is stored onto the storage medium, the storage medium comprising:

a storage area for storing the medium personal number, which is un-rewritable, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from the specific [device identifier] apparatus number for the specific [device] computer.

55. (Twice Amended) A storage medium accessed by a computer in a manner such that a decryption key is encrypted based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer and the encrypted decryption key is stored onto the storage medium and that electronic information is encrypted based upon the decryption key and the encrypted electronic information is stored onto the storage medium, the storage medium comprising:

a storage area for storing the medium personal number, which is un-rewritable, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from the specific [device identifier] apparatus number for the specific [device] computer.

56. (Twice Amended) A storage medium accessed by a computer in a manner such that an encrypted decryption key stored on the storage medium is decrypted based upon a medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer and encrypted electronic information stored on the storage medium is decrypted based upon the decryption key that has been decrypted based on the medium personal number and independent from the specific

P8  
cont

[device identifier] apparatus number for the specific [device] computer, the storage medium comprising:

a storage area for storing the medium personal number, which is un-rewritable, wherein the medium personal number is [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

a storage area for storing encrypted information which includes information encrypted based upon the medium personal number and independent from the specific [device identifier] apparatus number for the specific [device] computer.

C1  
cont

103. (Twice Amended) A method for a [device] computer to access encrypted data on a storage medium, the method comprising:

obtaining first data based on a medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer, wherein the medium personal number is un-rewritable and [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium;

decrypting the data based on the first data; and  
accessing the decrypted data.

104. (Once Amended) A method according to claim 103, wherein the obtaining first data includes encrypting data based on the medium personal number, and wherein the decrypting includes decrypting the encrypted data based on the medium personal number.

105. (Once Amended) A method according to claim 103, wherein the obtaining the first data comprises accessing the medium personal number on the storage medium.

106. (Once Amended) A method according to claim 103, wherein the first data comprises the medium personal number.

107. (Twice Amended) A method for a [device] computer to provide encrypted data to a storage medium, the method comprising:

obtaining first data based on a medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer, wherein the medium personal number is un-rewritable and [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium;

encrypting the data based on the first data; and  
providing the encrypted data to the storage medium.

108. (Once Amended) A method according to claim 107, wherein the obtaining first data includes encrypting a key based on the medium personal number, and wherein the encrypting includes encrypting the data based on the key.

109. (Once Amended) A method according to claim 107, wherein the obtaining the first data comprises accessing the medium personal number on the storage medium.

110. (Once Amended) A method according to claim 107, wherein the first data comprises the medium personal number.

111. (Once Amended) A storage medium accessed by a vendor computer and user computer, said storage medium for storing information readable by said user computer, said storage medium comprising:

an area storing encrypted electronic data;

an area storing a medium personal number which is [unique for each storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium, wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which the user computer cannot change; and

an area storing permission information which includes a decryption key encrypted in a manner that is [not dependent on] independent from a specific [device identifier] apparatus number for a specific [device] computer.

112. (Once Amended) A storage medium accessed by a vendor computer and user computer, said storage medium for storing information readable by said user computer, said storage medium comprising:

an area storing encrypted electronic data;

an area storing a medium personal number which is [unique for each storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium, wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which the user computer cannot rewrite; and

an area storing permission information encrypted in a manner that is [not dependent on] independent from a specific [device identifier] apparatus number for a specific [device] computer.

113. (Twice Amended) A storage medium accessed by a vendor computer and a user computer said storage medium for storing information readable by said user computer, said storage medium comprising:

an area storing encrypted electronic data;

an area storing a medium personal number which is [unique for each storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium; and

an area storing encrypted permission information that is [not dependent on] independent from a specific [device identifier] apparatus number for a specific [device] computer;

wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which a user computer cannot rewrite.

119. (Twice Amended) A storage medium readable by a [device] computer, said storage medium comprising:

encrypted data, and

first data that is based on a medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer, wherein the medium personal number is un-rewritable and [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium, and wherein the first data is used by the [device] computer to decrypt the encrypted data.

120. (Once Amended) A storage medium according to claim 119, wherein the first data includes a key encrypted based on the medium personal number.



121. (Once Amended) A storage medium according to claim 119, wherein the encrypted data is encrypted based on the key.

122. (Once Amended) A storage medium according to claim 119, wherein the first data comprises the medium personal number.

01  
cont  
123. (Twice Amended) A storage medium readable by different [devices] computers at different times, the storage medium comprising:

encrypted data; and

first data that is based on a medium personal number and independent from a specific [device identifier] apparatus number for a specific [device] computer, wherein the medium personal number is un-rewritable and [unique to the storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium, and wherein the first data is used by the [device] computer to decrypt the encrypted data.

124. (Once Amended) A storage medium for storing data for access and processing by a storage reading apparatus, said storage medium comprising:

a medium personal number storage area including a medium personal number which is [unique for each storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium, wherein the medium personal number is written onto the storage medium in an un-rewritable form which a user storage reading apparatus cannot rewrite;

an electronic information storage area including electronic information; and

an information storage area including information which is encrypted based on said medium personal number and [not on] independent from a specific [device identifier] apparatus number for a specific [device] computer.

125. (Once Amended) A storage medium for storing data for access and processing by a user storage reading apparatus, said storage medium comprising:

an encrypted electronic information storage area including encrypted electronic information;

a medium personal number storage area including a medium personal number which is [unique for each storage medium] particularly personal for each storage medium and is different from a medium personal number of another storage medium;

wherein at least the medium personal number is written onto the storage medium in an un-rewritable form which the user storage reading apparatus cannot rewrite, and said medium personal number is used for decrypting said encrypted electronic information; and

an information storage area including information which is encrypted based on said medium personal number and [not on] independent from a specific [device identifier] apparatus number for a specific [device] computer.